CLAIMS

1. A dielectric resonator device comprising a circuit substrate having a ground electrode and a transmission line; and a dielectric resonator which is attached to the circuit substrate at a position facing the ground electrode and is coupled to the transmission line, the dielectric resonator including a dielectric substrate and electrodes disposed on opposite surfaces of the dielectric substrate, the electrodes respectively having openings that face each other,

wherein an insulating layer is provided between the ground electrode of the circuit substrate and the electrodes of the dielectric resonator so as to insulate the ground electrode from the electrodes, and wherein one of the openings of the dielectric resonator is provided with an insulative adhesive for joining the dielectric resonator to the circuit substrate.

2. The dielectric resonator device according to Claim 1, wherein the insulating layer surrounds said one of the openings of the dielectric resonator.

3. The dielectric resonator device according to Claim 2, wherein the insulating layer is provided with a relief passage for guiding the insulative adhesive outward from said one of the openings of the dielectric resonator.

4. An oscillator comprising the dielectric resonator device according to any one of Claims 1 to 3.

5. A transmitter-receiver apparatus comprising the dielectric resonator device according to any one of Claims 1 to 3.